



SHA Statewide



PROJECT: Coordinated Highway Action Response Team (CHART)

DESCRIPTION: Install advanced traffic management system (ATMS) and advanced traffic information system (ATIS) technologies on Interstate highways and arterials statewide. Technologies include cameras, traffic detectors, weather sensors, dynamic message signs, highway advisory radios, web sites and telecommunication networks. CHART is comprised of five major components: 1) Traffic and Roadway Monitoring; 2) Incident Management; 3) Traveler Information; 4) System Integration and Communication; 5) Traffic Management.

JUSTIFICATION: Heavy volumes of traffic, stop-and-go commuter peaks, and lack of comprehensive information regarding current, real-time conditions on available alternatives contribute to and compound the effects of unexpected incidents. With the growth in traffic outpacing any realistic hope of expanding capacity through building new highways, or expanding existing ones, it is imperative to operate the existing highway system more efficiently through the application of Intelligent Transportation System (ITS) technologies and interagency teamwork.

SMART GROWTH STATUS:

- ☒ Project Not Location Specific or Location Not Determined
☐ Project Within PFA
☐ Grandfathered
☐ Project Outside PFA; Subject to Exception
☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

<u>Federal Funding By Year of Obligation</u>						
PHASE	FFY 2005	FFY 2006	FFY 2007	FFY 2008	FFY 2009 - 2010	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	2720	2770	2520	2520	4870	CMAQ
RW	0	0	0	0	0	----
CO	4790	6050	5290	5960	18900	CMAQ

STATUS: Engineering and Construction underway. This represents a summary of the Statewide CHART program. Individual corridor work is shown in the State Highway Administration's Safety, Congestion Relief, Highway and Bridge Preservation Program.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Added \$29.4 million due to the Revenue Increase.

POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER						
PROJECT CASH FLOW										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	45,991	27,691	3,200	3,300	3,000	3,000	2,800	3,000	18,300	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	179,872	129,072	5,700	7,200	6,300	9,100	11,100	11,400	50,800	0
Total	225,863	156,763	8,900	10,500	9,300	12,100	13,900	14,400	69,100	0
Federal-Aid	189,890	131,848	7,480	8,820	7,810	10,160	11,676	12,096	58,042	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT N/A



PROJECT: Community Safety and Enhancement Program

DESCRIPTION: This is the SHA element of the Statewide Neighborhood Conservation Program. Funds will be available for highway transportation projects in designated revitalization areas. Areas will be designated by local jurisdictions, taking into account factors such as the age and number of abandoned and substandard structures, the extent of employment, and the redevelopment plans and strategies of the local jurisdiction.

JUSTIFICATION: Some of Maryland's older urban areas contain significant investments in physical infrastructure that are underutilized due to their inability to attract new investment. MDOT is joining with other State agencies to target resources for these areas with the goal of increasing their attractiveness to private investment.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA
☐ Grandfathered
☐ Project Outside PFA; Subject to Exception
☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

<u>Federal Funding By Year of Obligation</u>						
PHASE	FFY 2005	FFY 2006	FFY 2007	FFY 2008	FFY 2009 - 2010	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	3000	3000	3000	3000	6000	STP

STATUS: Engineering, Right-of-Way and Construction underway. This sheet represents a summary of this program. Individual projects are shown in the State Highway Administration's Safety, Congestion Relief, Highway and Bridge Preservation Program.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Added \$132.5 million due to the Revenue Increase.

POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER			
TOTAL				PROJECT CASH FLOW						
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	54,588	26,118	4,870	4,800	4,800	4,800	4,600	4,600	28,470	0
Right-of-way	8,715	4,015	200	900	900	900	900	900	4,700	0
Construction	245,272	125,542	20,530	25,600	23,900	16,200	16,600	16,900	119,730	0
Total	308,575	155,675	25,600	31,300	29,600	21,900	22,100	22,400	152,900	0
Federal-Aid	43,981	41,681	2,300	0	0	0	0	0	2,300	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT N/A



PROJECT: Sidewalk Program

DESCRIPTION: This program will provide matching funds for the construction of sidewalks adjacent to State highways. Fifty percent of project costs will be required from local and municipal project sponsors, except in urban revitalization areas where projects are eligible for 100 percent state funding, and in priority funding areas where projects are eligible for 75 percent state funding.

JUSTIFICATION: Program will support community revitalization efforts and efforts to encourage pedestrian usage along State highways consistent with the intent of the "Access 2000" legislation.

SMART GROWTH STATUS:

- ☒ Project Not Location Specific or Location Not Determined
☐ Project Within PFA
☐ Grandfathered
☐ Project Outside PFA; Subject to Exception
☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

<u>Federal Funding By Year of Obligation</u>						
PHASE	FFY 2005	FFY 2006	FFY 2007	FFY 2008	FFY 2009 - 2010	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Engineering, Right-of-Way and Construction underway. Working with local jurisdictions to identify projects. This sheet represents a summary of the Program. Individual projects are shown in SHA's Safety, Congestion Relief, Highway and Bridge Preservation Program.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Added \$12.0 million due to the Revenue Increase.

POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER						
PROJECT CASH FLOW										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,690	2,910	170	130	120	120	120	120	780	0
Right-of-way	325	175	25	25	25	25	25	25	150	0
Construction	35,053	21,783	2,805	2,245	2,055	2,055	2,055	2,055	13,270	0
Total	39,068	24,868	3,000	2,400	2,200	2,200	2,200	2,200	14,200	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT N/A



PROJECT: Sound Barrier Program

DESCRIPTION: Funding to implement retrofit sound barrier projects that meet eligibility criteria.

JUSTIFICATION: Mitigating highway noise is an essential element of the Department's programs for environmental stewardship and community conservation.

SMART GROWTH STATUS:

- ☒ Project Not Location Specific or Location Not Determined
☐ Project Within PFA
☐ Grandfathered
☐ Project Outside PFA; Subject to Exception
☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

<u>Federal Funding By Year of Obligation</u>						
PHASE	FFY 2005	FFY 2006	FFY 2007	FFY 2008	FFY 2009 - 2010	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	5000	6000	0	0	0	NHS

STATUS: Engineering, Right-of-Way and Construction underway. This consolidates the total dollars available for sound barriers that meet eligibility criteria. Individual projects are shown in SHA's Safety, Congestion Relief, Highway and Bridge Preservation Program.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: None.

POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER						
PROJECT CASH FLOW										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	29,651	25,417	1,268	1,366	400	400	400	400	4,234	0
Right-of-way	336	336	0	0	0	0	0	0	0	0
Construction	275,473	238,307	10,532	10,234	7,800	2,900	2,900	2,800	37,166	0
Total	305,460	264,060	11,800	11,600	8,200	3,300	3,300	3,200	41,400	0
Federal-Aid	200,669	177,969	7,800	6,800	3,900	1,400	1,400	1,400	22,700	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT N/A

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 5

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2004
		<u>Fiscal Year 2004 Completions</u>		
		<u>C.H.A.R.T. Projects</u>		
1		C.H.A.R.T. - I 97 and US 50 (Phase 2); advanced traffic management system additions	1,285	Completed
2		C.H.A.R.T. - I 695 and I 97 (Phase 2); advanced traffic management system additions	1,266	Completed
		<u>Enhancements</u>		
		<u>Archaeological Planning & Research</u>		
3		Archeological and Historic sites data - Maryland Historic Trust - develop historic resources and archeological sites information for use in transportation planning Geographic Information System.	524	Completed
4		Maryland's Historic Highway Bridges - publication of a book, CD, and Web information on Maryland's historic bridges.	48	Completed
		<u>Environmental Mitigation</u>		
5		Functional Enhancement of Stormwater Management Facilities - improvement of stormwater management facilities in Howard (27 sites) and Montgomery (17 sites) counties.	883	Completed
6		Urban Storm Water Retrofit Pilot Program - retrofit, monitoring and sampling of Low Impact Development (LID) practices within different urban arenas.	268	Completed
		<u>Fiscal Years 2005 and 2006</u>		
		<u>C.H.A.R.T. Projects</u>		
7		Statewide Dynamic Message Sign Upgrade/Replacement	2,393	FY 2005
8		Statewide CCTV Camera Deployment	2,255	FY 2005

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 5 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2004
<u>Fiscal Years 2005 and 2006 (cont'd)</u>				
<u>Enhancements</u>				
<u>Archaeological Planning & Research</u>				
9		Maryland Roadside Historic Markers Website - roadside historic marker research, database preparation and website development.	182	FY 2005
10		National Road National Register Nomination - documentation of National Road properties and sites.	56	Underway
<u>Landscaping/Scenic Beautification/Mitigation</u>				
11		Environmental stewardship Initiative - Statewide Native Meadows Establishment - establishment of over 1,000 acres of native meadows statewide.	785	FY 2005
12		Aesthetic Retrofits - landscaping of SHA stormwater management facilities in highly visible areas and to increase diversity while minimizing thermal impacts.	436	Completed
<u>Pedestrian and Bicycle Safety and Educational Activities</u>				
13		Smart Moves - a pedestrian safety campaign throughout Maryland promoting awareness through the new Street Smarts, Smart Moves campaign.	550	Underway
<u>Environmental Mitigation</u>				
14		Stormwater Management Visual and Environmental Enhancements - make improvements to existing stormwater management facilities and improve the visual appearance, environmental diversity and water quality of nine sites in SHA Districts 4 and 5.	609	FY 2006

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 5 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2004
		<u>Fiscal Years 2005 and 2006 (cont'd)</u>		
		<u>Enhancements (cont'd)</u>		
		<u>Environmental Mitigation (cont'd)</u>		
15		Environmental Stewardship Initiative - Reforestation - improvements to 250 acres of SHA property at 32 statewide sites. .	125	Completed
16		Fish Passages 5 - construct retrofit fish passages on the Jones Falls under Ruxton Road at Falls Road in Baltimore County. .	200	Underway
17		Watershed Revitalization Partnership - an initiative to expand existing efforts to protect and restore in-stream fish and wildlife habitat in targeted urban/suburban watersheds in partnership with the Maryland Department of Natural Resources. .	6,000	Underway
18		Wetlands Restoration Program - replacement of tidal and non-tidal wetlands throughout Maryland. .	500	Underway
		<u>Scenic/Historic Highway Programs/Visitor Centers</u>		
19		Civil War Driving Tour - Antietam - develop a driving tour associated with the Battle of Antietam, including trail blazer signing, mapping, waysides and interpretive signing. .	797	Underway

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 5 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2004
		<u>Fiscal Years 2005 and 2006 (cont'd)</u>		
		<u>Enhancements (cont'd)</u>		
		<u>Scenic/Historic Highway Programs/Visitor Centers (cont'd)</u>		
20		Civil War Driving Tour - Gettysburg - develop a driving tour to Gettysburg, including trail blazer signing, mapping, waysides, interpretive signing, and interactive signs and displays for the Emmitsburg Welcome Center.	424	Underway
21		Keep Maryland Beautiful III - Continuation of Keep Maryland Beautiful and Anti-Litter Initiatives.	322	Underway